

Claims

bc1 1. A method for layering of an admixture in a web former unit of a board machine in which two or more webs are formed by means of separate web former units and then combined with one another to form a multi-layer web, *wherein* characterized in that a flow of fresh stock (11) is divided into at least two component stock flows (12₁ and 12₂) and admixtures are added to at least one component flow (12₁) that will form a face that will be placed against and combined with the face of a web formed by another web former unit in order to increase the contents of fines in the web layers and the bonding strength between the faces to be combined, said admixtures being added at a point (14₁) before a pump (22), at a point (14a₂) after the pump (22), and/or at a point (14₃) after a machine screen, and after this the component flows (12₁ and 12₂) are passed into a multi-layer headbox (44) and further into a gap former.

a 5 2. A method as claimed in claim 1, *wherein* characterized in that the admixture includes starch, fines, fillers, retention agents, hydrophobifying sizes, and special chemicals.

a 3. A method as claimed in claim 1 or 2, *wherein* characterized in that the fresh stock flow (11) is branched into three separate component flows (12₁, 12₂, 12₃), of which the admixtures are added to at least one component flow (12₁).

bc2 4 4. A method as claimed in any of the claims 1 to 3, *wherein* characterized in that the layering of an admixture takes place in an upper-wire unit.

bc2 5. A method for manufacture of board in which two or more webs are formed by means of separate web former units and then combined with one another to form a multi-layer web, *wherein* characterized in that at least one layer of stock discharged from at least one multi-layer headbox to a gap former includes an admixture and the web formed by means of said gap former is combined with at least one web which is derived from a second combination of a multi-layer headbox or a normal headbox and a gap former.

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a 6. A multi-layer board, *wherein* characterized in that the board comprises a layer of an admixture that has been prepared by means of at least one multi-layer headbox.

a 7. A board as claimed in claim 6, *wherein* characterized in that the admixture includes starch, fines, fillers, retention agents, hydrophobifying sizes, and special chemicals.

Adolfo
A3